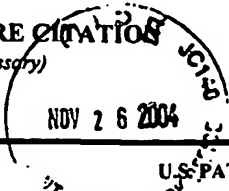


<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>Army176</b>		Application Number <b>10/733,691</b>	
				Applicant(s) <b>Nikolich et al.</b>			
				Filing Date <b>December 11, 2003</b>		Group Art Unit <b>1653</b>	



U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<del>MN</del>	<del>A</del>	<del>6,444,445</del>	<del>9/3/02</del>	<del>Nikolich et al.</del>			

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

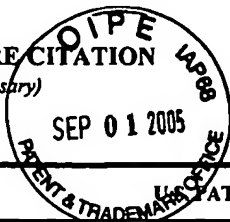
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)
MN	B	International Search Report in parallel international application PCT/US03/39347, date of mailing August 24, 2004, 4 pages.	

EXAMINER <b>/Albert M Navarro/</b>	DATE CONSIDERED <b>01/17/2007</b>
---------------------------------------	--------------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# **INFORMATION DISCLOSURE CITATION** (Use several sheets if necessary)



Docket Number (Optional) <b>Army176</b>		Application Number <b>10/733,691</b>
Applicant(s) <b>Nikolich et al.</b>		
Filing Date <b>December 11, 2003</b>	Group Art Unit <b>1653</b>	

## **PATENT DOCUMENTS**

*EXAMINER INITIAL	REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MN		6,444,445	9/3/02	Nikolich et al.	435	69.3	1/22/98
MN		5,643,771	7/1/97	Stocker	435	473	8/19/94
MN		6,149,920	11/21/00	Boyle	424	252.i	6/19/98

## **U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## **FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

## **OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

MN		Aleksandrov, "A clinical study of postvaccinal reactions to Aero"m Zhurnal Mikrobiologii, Epidemiologii, I Immunobiologii, Vol. 22, pages 31-37 (1962).
MN		Aleksandrov et al., "Reactogenicity and effectiveness of aerogenic", Voenno-Meditsinskiy Zhurnal, Vol. 12, pages 51-59 (1958).

EXAMINER <b>/Albert M Navarro/</b>	DATE CONSIDERED <b>01/17/2007</b>
---------------------------------------	--------------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>		Docket Number (Optional)	Application Number	
		Army176		10/733,691
		Applicant(s)		Nikolich et al.
		Filing Date	Group Art Unit	
		Dec. 11, 2003	1653	

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
MN	Araya et al., "Temporal development of protective cell-mediated and humoral immunity in balb/c mice infected with Brucella abortus", Journal of Immunology, Vol. 143, No. 10, pages 3330-3337 (Nov. 15, 1989).
MN	Abomoelak et al., "Humoral and cellular immune responses in mice immunized with recombinant Mycobacterium bovis bacillus calmette-guerin producing a pertussis toxin-tetanus toxin hybrid protein", Infection and Immunity, Oct. 1999, Vol. 67 No. 10, pages 5100-5105.
MN	Bentejac et al., "Vaccination against human brucellosis", Development in Biological Standardization, 1984, 56:531-535.
MN	Brown et al., "Efficient translation of the RpoS sigma factor in Salmonella typhimurium requires host factor I, and RNA-binding protein encoded by the hfq gene", Journal of Bacteriology, July 1996, Vol. 178, No. 13, pages 3763-3770.
MN	de Baques et al., "Vaccination with Brucella abortus rough mutant RB51 protects BALB/c mice against virulent strains of Brucella abortus, Brucella melitensis, and Brucella ovis", Infection and Immunity, Nov. 1994, Vol. 62, No. 11, pages 4990-4996.
MN	Bowden et al., "Outer-membrane protein-and rough lipopolysaccharide-specific monoclonal antibodies protect mice against Brucella ovis", J. Med. Microbiol., Vol. 43 (1995), pages 344-347.
MN	"Brucella melitensis Rev-1 vaccine as a cause of human brucellosis", The Lancet, Vol. 342, Sept. 25, 1993, page 805.
MN	"Brucellosis: an Overview", Emerging Infectious Diseases, Vol. 3, No. 2, April-June 1997, pages 213-221.
MN	"Report of the subcommittee on Brucellosis research," Brucellosis Research: an evaluation, National Academy of Sciences, Washington, D.C., National Academy Press, 1977, pages 61-77.
MN	Corner et al., "Persistence of Brucella abortus strain 19 infection in adult cattle vaccinated with reduced doses", Research in Veterinary Science, 1981, Vol. 31, pages 342-344.
MN	Chen et al., "Immunization against Brucella infections", Journal of comparative pathology, 1973, Vol. 83, No. 3, pages 357-367.
MN	Corbel et al., "Response of the badger (Meles meles) to infection", Research in Veterinary Science, 1983, Vol. 34, No. 3, pages 296-300.

EXAMINER	DATE CONSIDERED
/Albert M Navarro/	01/17/2007

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>		Docket Number (Optional)	Application Number
		Army176	10/733,691
		Applicant(s) Nikolich et al.	
		Filing Date	Group Art Unit
		12/11/03	1653

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
MN	Chen et al., "Immunization against Brucella infections: immune response of mice, guinea pigs, and Cynomolgus philipinensis to live and killed Brucella melitensis Strain Rev. 1 administered by various methods", The Journal of Infectious Diseases, Vol. 122, No. 6, Dec. 1970, pages 489-500.
MN	Cheville et al., "Immune responses and protection against infection and abortion in cattle experimentally vaccinated with mutant strains of Brucella abortus", Am. J. Vet. Res., Vol. 54, No. 10, Oct. 1993, pages 1591-1597.
MN	Jacques et al., "Protection conferred on mice by combinations of monoclonal antibodies directed against outer-membrane proteins or smooth lipopolysaccharide of Brucella", J. Med. Microbiol., Vol. 37 (1992), pages 100-103.
MN	Chatfield et al., "Evaluation of Salmonella typhimurium strains harbouring defined mutations in htrA and aroA in the murine salmonellosis model", Microbial Pathogenesis, 1992, Vol. 12, pages 135-151.
MN	Crawford et al., "Deletion of purE attenuates Brucella melitensis infection in mice", Infection and Immunity, June 1996, Vol. 64, No. 6, pages 2188-2192.
MN	Comerci et al., "Vector development for the expression of foreign proteins in the vaccine strain Brucella abortus S19", Infection and Immunity, Aug. 1998, Vol. 66, No. 8, pages 3862-3866.
MN	Cheville et al., "Bacterial persistence and immunity in goats vaccinated with a purE deletion mutant or the parental 16M Strain of Brucella melitensis", Infection and Immunity, July 1996, Vol. 64, No. 7, pages 2431-2439.
MN	Dubray et al., "Isolation of three Brucella abortus cell-wall antigens protective in murine experimental brucellosis", Annals of Veterinary Research, 1980, Vol. 11, No. 4, pages 367-373.
MN	de Bagues et al., "An ELISA with Brucella lipopolysaccharide antigen for the diagnosis of B. melitensis infection in sheep and for the evaluation of serological responses following subcutaneous or conjunctival B. melitensis strain Rev-1 vaccination", Veterinary Microbiology, 30 (1992), pages 233-241.
MN	de Bagues et al., "Responses of ewes to B. melitensis Rev-1 vaccine administered by subcutaneous or conjunctival routes at different stages of pregnancy", Annals of Veterinary Research, 1989, Vol. 20, pages 205-213.
MN	Drazek et al., "Deletion of purE attenuates Brucella melitensis 16M for growth in human monocyte-derived macrophages", Infection and Immunity, Sept. 1995, Vol. 63, No. 9, pages 3297-3301.
MN	de Bagues et al., "Vaccination with Brucella abortus rough mutant RB51 protects BALB/c mice against virulent strains of Brucella abortus, Brucella melitensis, and Brucella ovis", Infection and Immunity, No. 1994, Vol. 62, No. 11, pages 4990-4996.

EXAMINER	DATE CONSIDERED
/Albert M Navarro/	01/17/2007

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

Army176

Application Number

10/733,691

Applicant(s)

Nikolich et al.

Filing Date

12/11/03

Group Art Unit

1653

\*EXAMINER  
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MN

Edmonds et al., "Attenuation of a Brucella abortus mutant lacking a major 25 kDa outer membrane protein in cattle", AJVR, Vol. 62, No. 9, Sept. 2001, pages 1461-1466.

~~Elberg, "Immunity to Brucella Infection", Vol. 63, No. 4, pages 339-356.~~

NO PUBLICATION DATE

MN

Elberg et al., "Immunization against Brucella infection", Bull. Wld. Hlth. Org., (1962), Vol. 26, pages 421-436.

MN

Elberg, "Caprine Immunization Against Brucellosis", Bull. Wod. Hlth. Org., (1958), Vol. 19, pages 711-724.

MN

Elberg, "A guide to the diagnosis, treatment and prevention of human brucellosis", 1981, pages 1-71.

MN

Fensterbank et al., "Vaccination of ewes by a single conjunctival administration of Brucella melitensis Rev-1 vaccine", Annals of Veterinary Research, (1985) Vol. 16, No. 4, pages 351-356.

MN

Fensterbank et al., "Efficacy of Brucella melitensis Rev-1 vaccine against Brucella ovis infection in rams", Annals of Veterinary Research, (1982), vol. 13, No. 2, pages 185-190.

MN

Fernandez-Prada et al., "Deletion of wboA enhances activation of the lectin pathway of complement in Brucella abortus and Brucella melitensis", Infection and Immunity, July 2001, Vol. 69, No. 7, pages 4401-4416.

MN

Fleischner and Meyer, "Preliminary observations on the pathogenicity for monkeys of the bacillus abortus bovinus", Transactions of the American Pediatric Society, Vol. 32, 1920, pages 141-145.

MN

Gross et al., "Expression and Bactericidal activity of nitric oxide synthase in Brucella suis-infected murine macrophages", Infection and Immunity, Apr. 1998, Vol. 66, No. 4, pages 1309-1316.

MN

Highlander et al., "Expression of the Pasteurella haemolytica leukotoxin is inhibited by the locus that encodes an ATP-binding cassette homolog", Infection and Immunity, Sept. 1993, Vol. 61, No. 9, pages 3942-3951.

MN

Hadjichristodoulou et al., "Tolerance of the human brucellosis vaccine and the intradermal reaction test for brucellosis", Eur. J. Clin. Microbiol. Infect. Dis., February 1994, Vol. 13, No. 2, pages 129-134.

EXAMINER

/Albert M Navarro/

DATE CONSIDERED

01/17/2007

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>		Docket Number (Optional) <b>Army176</b>	Application Number <b>10/733,691</b>
		Applicant(s) <b>Nikolich et al.</b>	
		Filing Date <b>12/11/03</b>	Group Art Unit <b>1653</b>

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
MN	Howe et al, "Acute brucellosis among laboratory workers", New England Journal of Medicine, Vol. 236, No. 20, pages 741-747, May 15, 1947.
MN	Huddleson and Hallman, "The pathogenicity of the species of the genus brucella for monkeys", Bacteriological and Pathological Sections of the Michigan Agricultural Experiment Station, 1929, pages 293-303.
MN	Hensel et al., "Simultaneous identification of bacterial virulence genes by negative selection", Science, Vol. 269, July 21, 1995, pages 400-403.
MN	Hoover et al., "Protection of mice against brucellosis by vaccination with Brucella melitensis WR201 (16Mdelta purE)", Infection and Immunity, No. 1999, Vol. 67, No. 11, pages S877-S884.
MN	Jones et al., "Survival of virulent and attenuated strains of Brucella abortus in normal and gamma interferon-activated murine peritoneal macrophages", Infection and Immunity, July 1992, Vol. 60, No. 7, pages 3011-3014.
MN	Jacques et al., "Induction of antibody and protective responses in mice by Brucella O-polysaccharide-BSA conjugate", Vaccine, No. 9, Dec. 1991, pages 896-900.
MN	Johnson et al., "The role of a stress-response protein in Salmonella typhimurium virulence", Molecular Microbiology (1991), 5(2), pages 401-407.
MN	Kaneene et al., "Whole-blood lymphocyte stimulation assay for measurement of cell-mediated immune responses in bovine brucellosis", Journal of Clinical Microbiology, June 1978, Vol. 7, No. 6, pages 550-557.
MN	Kohler et al., "Participation of the molecular chaperone DnaK in intracellular growth of Brucella suis within U937-derived phagocytes", Molecular Microbiology, (1996), 20(4), pages 701-712.
MN	Kruse et al., "Cross infection with eighteen pathogens among caged laboratory animals", Laboratory Animal Care, June 1970, 20(3), pages 541-560.
MN	Limet et al., "Immunity conferred upon mice by anti-LPS monoclonal antibodies in murine brucellosis", Ann. Inst. Pasteur/Immunol., 1987, Vol. 138, pages 417-424.
MN	Lord et al., "Venezuelan field trials of vaccines against brucellosis in swine", AJVR, Vol. 59, No. 5, May 1998, pages 546-551.

EXAMINER <b>/Albert M Navarro/</b>	DATE CONSIDERED <b>01/17/2007</b>
---------------------------------------	--------------------------------------

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>		Docket Number (Optional) <b>Army176</b>	Application Number <b>10/733,691</b>
		Applicant(s) <b>Nikolich et al.</b>	
		Filing Date <b>12/11/03</b>	Group Art Unit <b>1653</b>

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
MN	Liu, et al., "Glycosyl transferases of O-antigen biosynthesis in Salmonella enterica: identification and characterization of transferase genes of groups B, C2, and E1", Journal of Bacteriology, June 1993, Vol. 175, No. 11, pages 3408-3413.
MN	Leal-Klievezas et al., "Molecular detection of brucella spp: rapid identification of B. abortus biovar I using PCR", Achrives of Medical Research, Vol. 26, No. 3, pages 363-267 (1995).
MN	Mense et al., "Bacterilologic and histologic features in mice after intranasal inoculation of Brucella melitensis", AJVR, Nol. 62, No. 3, March 2001, pages 398-405.
MN	Meador et al., "Experimentally induced Bruclla abortus infection in pregnant goats", Am.J.Vet.Res., Vol. 47, No. 11, Nov. 1986, apges 2337-2342.
MN	Marmur, "A procedure for the isolation of deoxyribonucleic acid from micro-organisms", J. Mol. Biol. (1961), Vol. 3, pages 208-218.
MN	Mousa et al., "The nature of human brucellosis in Kuwait: study of 379 cases", Reviews of Infectious Diseases, Vol 10, Nol 1, 1988, pages 211-217.
MN	McFarland et al., "Effect of different purine auxotrophic mutations on mouse-virulence of a Vi-positive strain of Salmonella dublin and of two strains of Salmonella typhimurium", Microbial Pathogenesis, 1987, Vol. 3, pages 129-141.
MN	Mesnage et al., "Cell surface-exposed tetanus toxin fragment C produced by recombinant Bacillus anthracis protects against tetanus toxin", Infection and Immunity, Sept. 1999, Vol. 67, No. 9, pages 4847-4850.
MN	Marshall et al., "Use of the stationary phase inducible promoters, spv and dps, to drive heterologous antigen expression in Salmonella vaccine strains', Vaccine 18 (2000), pages 1298-1306.
MN	McQuiston et al., "Creation of rough Brucella mutants using allelic replacement of the rfbU gene encoding mannosyl transferase", CRWAD, November 1995, two pages.
MN	McQuiston et al., "Genetic characterization of a Tn5-disrupted glycosyltransferase gene homolog in Brucella abortus and its effect on lipopolysaccharide composition and virulence", Infection and Immunity, Aug. 1999, Vol. 67, No. 8, apges 3830-3835.
MN	Mahan et al., "Selection of bacterial virulence genes that are specifically induced in hose tissues", Science, Vol 259, Jan. 29, 1993, pages 686-688.

EXAMINER <b>/Albert M Navarro/</b>	DATE CONSIDERED <b>01/17/2007</b>
---------------------------------------	--------------------------------------

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>		Docket Number (Optional) <b>Army176</b>	Application Number <b>10/733,691</b>
		Applicant(s) <b>Nikolich et al.</b>	
		Filing Date <b>12/11/03</b>	Group Art Unit <b>1653</b>

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
MN	Nicoletti, Paul, Chapter 11 "Vaccination", from Animal Brucellosis, Boca Raton: CFC Press, 1990, pages 283-300.
MN	Nicoletti et al., "Protection by oral administration of Brucella abortus strain 19 against an oral challenge exposure iwth a pathogenic strain of Brucella", published as journal series article no. 3975, as a contribution of the Flrida Agriculture Experiment Station, Sept. 1983, pages 1641-1643.
MN	Nicoletti, Paul, Chapter 4 "Relationship Between Animal and Human Disease", from Brucellosis: clinical and laboratory aspects, Boca Raton: CFC Press, 1989, pages 97-126.
MN	Plommet et al., "Vaccination against bovine brucellosis with a low dose of strain 19 administered by the conjunctival route", Annals of Veterinary Research, 1975, 6(4) pages 345-356.
MN	Plommet et al., "Immunity to Brucella abortus induced in mice by popliteal lymph node restricted strain 19 vaccination", Annals of Veterinary Research, 1989, 20(1) pages 73-81.
MN	Plommet et al., "Anti-brucella immunity transferred by immune serum . . .", Annals of Veterinary Research, 1986, 17(2) pages 169-175.
MN	Pardon et al., "Killed vaccine in adjuvant and protection of mice against an intraperitoneal challenge of Brucella: kinetic studies, Annals of Veterinary Research, 1976, 7(4) pages 297-305.
MN	Pardon et al., "Resistance of nromal or immunized guinea pigs against a subcutaneous challenge of Brucella abortus", Annals of Veterinary Research, 1978, 9(3) pages 419-425.
MN	Pavlov et al., "In vivo and in vitro effects of monoclonal antibody to ly antigens on immunity to infection", Cellular Immunology , 71, pages 127-138 (1982).
MN	Pardon, "Resistance against a subcutaneous Brucella challenge of mice Immunized with living or dead Brucella or by transfer of immune serum", Ann. Immunol. (Inst. Pasteur), 1977, 128 C, pages 1025-1037.
MN	Pardon and Marly, "Resistance of Brucella abortus infected mice to intravenous or intraperitoneal Brucella reinfection", Ann. Immunol. (Inst. Pasteur), 1976, 127 C, pages 57-70.
MN	Pugh et al., "Immunogenicity of Brucella-extracted and recombinant protein vaccines in CD-1 and BALB/c mice", Am. J. Vet. Res., Vol. 51, No. 9, Sept. 1990, pages 1413-1420.

EXAMINER <b>/Albert M Navarro/</b>	DATE CONSIDERED <b>01/17/2007</b>
---------------------------------------	--------------------------------------

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>		Docket Number (Optional) <b>Army176</b>	Application Number <b>10/733,691</b>
		Applicant(s) <b>Nikolich et al.</b>	
		Filing Date <b>12/11/03</b>	Group Art Unit <b>1653</b>

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
	<p>Pappagianis et al., "Immunization against Brucella infections. Effects of grades doses of viable attenuated Brucella melitensis in humans", American Journal of Epidemiology, Vol. 84, No. 1, pages 21-31.</p> <p style="text-align: center;"><i>no publication DATE</i> →</p>		
MN	Pickett et al., "In vivo characterization of the murine intranasal model for assessing the immunogenicity of attenuated Salmonella enterica serovar typhi strains as live mucosal vaccines and as live vectors", Infection and Immunity, Jan. 2000, Vol. 68, No. 1, pages 205-213.		
MN	Pardon et al., "Serological and allergic reactions of ewes after simultaneous vaccinations with two living attenuated strains Brucella and Salmonella", Ann. Rech. Vet, (1990), 21, pages 153-160.		
MN	Quandt and Hynes, "Versatile suicide vectors which allow directe selection for gene replacement in Gram-negative bacteria", Gene, 127 (1993), pages 15-21.		
MN	Roop et al., "Experimental infection of goat fetuses inutero with a stable, rough mutant of Brucella abortus", Research in Veterinary Science, 1991, 51, pages 123-127.		
MN	Roop, et al., "Virulence of Brucella melitensis hfq, katE and bacA mutants in pregnant goats", page 93, Brucellosis 2000, 53rd brucellosis research conference, Sept. 7-9, 2000, Nimes, France.		
MN	Rigby and Fraser, "Plasmid transfer and plasmid-mediated genetic exchange in Brucella abortus", Can. J. Vet. Res., 1989, 53:326-330.		
MN	Sharma et al., "Preparation of electrocompetent E. coli using salt-free growth medium", Biotechniques, Vol. 20, No. 1, 1996, pages 42-44.		
MN	Schurig et al., "Biological properties of RB51; a stable rough strain of Brucella abortus", Veterinary Microbiology, 28 (1991), pages 171-188.		
MN	Pardon et al., "Serological and ellergic reactions of ewes after simultaneous vaccinations with two living attenuated strains of Brucella and Salmonella", Annals of Veterinary Research, 1990, 21(2), pages 153-160.		
MN	Spink et al., "Immunization with viable Brucella organisms", Bull.Wld. Hlth.Org., 1962, vol. 26, pages 409-419.		
	<p>Sadoff et al., "Oral Salmonella typhimurium vaccine expressing circumsporoite protein protects against malaria", Science, Vol. 240, pages 336-338.</p> <p style="text-align: center;"><i>no publication DATE</i> →</p>		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">EXAMINER     /Albert M Navarro/</td> <td style="width: 50%;">DATE CONSIDERED     01/17/2007</td> </tr> </table>		EXAMINER     /Albert M Navarro/	DATE CONSIDERED     01/17/2007
EXAMINER     /Albert M Navarro/	DATE CONSIDERED     01/17/2007		

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>		Docket Number (Optional) <b>Army176</b>		Application Number <b>10/733,691</b>	
		Applicant(s) <b>Nikolich et al.</b>			
		Filing Date <b>12/11/03</b>		Group Art Unit <b>1653</b>	
*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>				
MN	Tabatabai et al., "Monophosphoryl lipid A-induced immune enhancement of Brucella abortus salt-extractable protein and lipopolysaccharide vaccines in BALB/c mice", Am. J. Vet. Res., Vol. 52, No. 10, Oct. 1992, pages 1900-1907.				
MN	Tsui et al., "Characterization of broadly pleiotropic phenotypes caused by an hfq insertion mutation in Escherichia coli K-12", Molecular Microbiology (1994), 13(1), pages 35-49.				
MN	Toebe et al., "Evaluation of immunogenicity of an oral Salmolella vaccine expressing recombinant Plasmodium berghei merozoite surface protein-1", Am. J. Trop. Med. Hyg., 56(2), 1997, pages 192-199.				
MN	Taylor and Rose, "A correction in the nucleotide sequence of the Tn903 kanamycin resistance determinant in pUC4K", Nucleic Acids Research, Vol. 16, No. 1, 1988, page 358.				
MN	Vemulapalli et al., "Identification of an IS711 element interrupting the wboA gene of Brucella abortus vaccine strain RB51 and a PCR assay to distinguish strain RB51 from other Brucella species and strains", Clinical and Diagnostic Laboratory Immunology, Sept. 1999, Vol. 6, No. 5, pages 760-764.				
MN	Vemulapalli et al., "Brucella abortus RB51: enhancing vaccine efficacy and developing multivalent vaccines", Veterinary Microbiology, 90 (2002), pages 521-532.				
MN	Vemulapalli et al., "Brucella abortus strain RB51 as a vector for heterologous protein expression and induction of specific Th1 type immune responses", Infection and Immunity, June 2000, Vol 68, No. 6, pages 3290-3296.				
MN	Vemulapalli et al., "Cloning and sequencing of yajC and secD homologs of Brucella abortus and demonstration of immune responses to yacC in mice vaccinated with B. abortus RB51", Infection and Immunity, Dec. 1998, Vol 66, No. 12, pages 5684-5691.				
MN	Vemulapalli et al., "Overexpression of protective antigen as a novel approach to enhance vaccine efficacy of Brucella abortus Strain RB51", Infection and Immunity, June 2000, Vol 68, No. 6, pages 3286-3289.				
MN	Vemulapalli et al., "Complementation of Brucella abortus RB51 with a functional wboA gene results in O-antigen synthesis and enhanced vaccine efficacy but no change in rough phenotype and attenuation", Infection and Immunity, June 2000, Vol 68, No. 7, pages 3927-3932.				
MN	Vemulapalli et al., "Characterization of specific immune responses of mice inoculated with recombinant vaccinia virus expressing an 18-kilodalton outer membrane protein of Brucella abortus", Clinical and Diagnostic Laboratory Immunology, Jan. 2000, Vol. 7, No. 1, pages 114-118.				
MN	Vemulapalli et al., "Enhanced efficacy of recombinant Brucella abortus RB51 vaccines against B. melitensis infection in mice", Veterinary Microbiology 102 (2004), pages 237-245.				
EXAMINER		/Albert M Navarro/		DATE CONSIDERED	
				01/17/2007	
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>					

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>		Docket Number (Optional) <b>Army176</b>	Application Number <b>10/733,691</b>
		Applicant(s) <b>Nikolich et al.</b>	
		Filing Date <b>12/11/03</b>	Group Art Unit <b>1653</b>

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
MN	Wahl et al., "Isolation of human mononuclear cell subsets by counterflow centrifugal elutriation (CCE)", Cellular Immunology, 85, pages 373-383 (1984).
MN	Wu et al., "Construction and immunogenicity in mice of attenuated Salmonella typhi expressing Plasmodium falciparum merozoite surface protein 1 (MSP-1) fused to tetanus toxin fragment C", Journal of Biotechnology, 83 (2000), pages 125-135.
MN	Winter et al., "Protection of BALB/c mice against homologous and heterologous species of Brucella by rough strain vaccines derived from Brucella melitensis and Brucella suis biovar 4", AJVR, Vol. 57, No. 5, May 1996, pages 677-683.
MN	Young, E., Chapter 9 "Treatment of Brucellosis in Humans", from Brucellosis: Clinical and Laboratory Aspects. . . , 1989, Boca Raton, Florida, CRC Press, pages 127-141.
MN	Young, E., Review Articles "Human Brucellosis", Reviews of Infectious Diseases, Vol. 5, No. 5, Sept-Oct 1983, pages 821-842.
MN	Zhan et al., "Cytokine response of T-cell subsets from Brucella abortus-infected mice to soluble Brucella proteins", Infecton and Immunity, July 1993, Vol. 61, No. 7, pages 2841-2847.

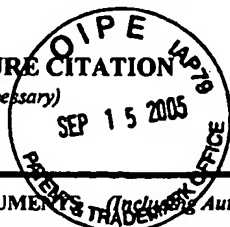
  

EXAMINER <div style="text-align: center;">/Albert M Navarro/</div>	DATE CONSIDERED <div style="text-align: center;">01/17/2007</div>
---	--

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

Army176

Application Number

10/733,691

Applicant(s)

Nikolich et al.

Filing Date

12/11/03

Group Art Unit

1653

\*EXAMINER  
INITIAL

OTHER DOCUMENTS (Include Author, Title, Date, Pertinent Pages, Etc.)

MN

Sulitzeanu, Dov, "Mechanism of Immunity Against Brucella", Nature, Vol. 181, pages 495-497 (1958).

MN

Sulitzeanu, Dov, "The fate of killed, radioiodinated Brucella abortus injected into mice", J. Immunol., Vol 82, pages 304-312 (1959).

MN

Sulitzeanu, Dov., "Passive protection experiments with Brucella antisera", J. Hyg., Vol. 53, pages 133-142 (1955).

MN

Halpern et al., "Cloning and expression of functional fragment C of tetanus toxin", Infection and Immunity, Apr. 1990, Vol. 58, No. 4, pages 1004-1009.

EXAMINER

/Albert M Navarro/

DATE CONSIDERED

01/17/2007

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.